**Index of Claims** 



Application/Control No.

10/760,440 Examiner

Adolf Berhane

Reexamination

HANSON, GEORGE E.

Applicant(s)/Patent under

Art Unit

2838

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

Claim			<del></del>																				
The color of the	Cla	im	Date								]	Claim			Date								
S2	Final	Original	10/17/05										Final	Original									
3    v		1	v									]											
4    v		2	V			L			_			]											L
5     v       6     v       7     7       8     v       9     v       10     v       60     60       111     v       61     61       12     v       63     61       13     v       64     62       15     66       16     v       18     v       68     66       17     v       68     69       20     70       21     71       22     72       23     73       24     74       25     75       26     76       27     77       28     78       29     79       30     80       31     81       32     83       33     84       35     85       36     86 <		3	-		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_	Į							_			L	L
Section   Sect		4	<del></del>		_	<u> </u>	<u> </u>	<u> </u>	L.	_	_	Į			_				_		_		L
T			-	<u> </u>		<u> </u>	<u> </u>		<u> </u>	_		Į			_			<u> </u>	<u> </u>		<u> </u>	_	L
S	<u> </u>		<u> </u>	├—	-	├	⊢	<u> </u>	<del> </del>		_				_	_		<u> </u>	-	<u> </u>	<u>                                     </u>	<u> </u>	L
9    v			<del> </del>	├	-	├	├	<del> </del>	├	<u> </u>	$\vdash$			5/		_		├	-	-	<u> </u>	<u> </u>	┞
10    v			-		-	<u> </u>	┢	-	┝	-	$\vdash$	{			-	-		$\vdash$		-	-	┞	⊦
11   v     12   v     13   v     64   64     15   66     16   v     18   v     68   69     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   80     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     97   97     48   99     99   99				_	⊢	<del>                                     </del>	$\vdash$	⊢	⊢	$\vdash$	$\vdash$	{			-	-	-	┝		-	├—	├	⊦
12   v			_	$\vdash$	-	╁	$\vdash$	-	$\vdash$	┢		1	_		$\vdash$	_	_	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	H
13   v			_		H	╁╌	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	i			-		-	-	$\vdash$	$\vdash$	-	-	┢
14   v     15   64     16   v     66   67     18   v     68   69     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   99     99   99							T		Г			i					_	_	<del> </del>	<del>                                     </del>	$\vdash$	<u> </u>	r
15   65   66     17   67   67     18   68   69     20   70   71     21   71   72     23   73   73     24   74   75     26   76   77     28   78   79     30   80   81     31   81   81     32   82   83     33   84   84     35   85   85     36   86   87     38   88   88     39   90   90     41   91   91     42   92   93     44   94   94     45   95   96     47   97   98     49   99   99     50   90   99			-	_		┢	<del>                                     </del>	_	_	_	<u> </u>	i									T		T
17   v     18   v     19   v     20   70     21   71     22   72     23   73     24   74     25   76     26   76     27   77     28   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   94     44   94     45   96     47   98     49   99     50   100		15	Π		Г	T	l																Γ
18   v     19   v     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   78     28   79     30   80     31   81     32   82     33   84     35   85     36   86     37   86     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   98     49   99     50   100			V																				Γ
19    v			٧																				
20   70     21   71     22   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   81     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99     50   100			V	L																			L
21   71     22   72     23   74     25   75     26   75     27   77     28   78     29   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     45   96     46   97     48   98     49   99     50   100			V	<u> </u>	<u> </u>	Ļ	<u> </u>	<u> </u>	L_	L	<u> </u>				L			_	<u> </u>		L.	_	L
22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     46   96     47   97     48   99     49   99     50   100			<u> </u>	_		<u> </u>		_	<u> </u>	_	L							<u> </u>		_		_	L
23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     46   96     47   97     48   98     49   99     50   100	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				<u> </u>		<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	L
24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   99     50   100	<u> </u>		-	<del> </del>	├-	├	├			<u> </u>	-				<u> </u>		<u> </u>	<del>                                     </del>	-	<del> </del>	<u> </u>		L
25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99     50   100	-		-	⊢	⊢	⊢	├		-	├	┝				⊢	-	-	⊢	-	-	⊢	-	┞
26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   99     50   100			┢	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		_		$\vdash$		$\vdash$	⊢	⊢	-	├	├	⊦
27   28   77     29   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99     50   100			╁	╁	⊢	╁	┢	-	-	┝			_		-		-	┢	-	-	┝	┢	╁
28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99     50   100			$\vdash$		Н	$\vdash$	$\vdash$	$\vdash$	┢	$\vdash$	$\vdash$	1			H		$\vdash$	Н	$\vdash$	_	┢	┢	H
29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99     50   100			Г	$\vdash$	Т	$\vdash$	$\vdash$	$\vdash$	Н	$\vdash$	$\vdash$	1			T		$\vdash$	$\vdash$	$\vdash$	_	<del>  -     -                              </del>	-	t
30		29			$I^-$	T						1										$\vdash$	T
31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   99     50   100						İ						1											T
33   83     34   84     35   85     36   86     37   87     38   87     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100																							Γ
34   84     35   85     36   86     37   87     38   87     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100	<u></u>					ot					L												Γ
35 85   36 86   37 87   38 87   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99   50 100				L		L			<u> </u>	_	L							<u> </u>		_	L	L	L
36   86     37   88     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_						_	<u> </u>	<u> </u>	_	<u> </u>	_	L
37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100			<u> </u>	$\vdash$	<u> </u>		<del> </del>	<del> </del>	$\vdash$	<u> </u>	<u> </u>				_	_	_	_	<u> </u>	<b> </b>	<u> </u>	_	L
38   88     39   90     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100		35	-	_	-	$\vdash$	$\vdash$		-	├	<u> </u>				<u> </u>	-	_	<u> </u>		$\vdash$	-	-	╀
39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99     50   100	$\vdash$	30	-	-	-	$\vdash$	$\vdash$	$\vdash$	-	⊢			<u> </u>		<del> </del>	$\vdash$	_	<del> </del>	<del> </del>	<del> </del>	$\vdash$	$\vdash$	$\vdash$
40	$\vdash$			├	-	-	<del> </del>	├	-	$\vdash$	-		L		$\vdash$	-	_	-	-	-	-	├	├
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99   50 100	-		$\vdash$	$\vdash$		-	$\vdash$	-	-	-	-			an 09	-		-	-	-	-	$\vdash$	$\vdash$	$\vdash$
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99   50 100		41		$\vdash$	-	$\vdash$	╁	$\vdash$	$\vdash$	$\vdash$	$\vdash$			91	$\vdash$	$\vdash$	_	-	$\vdash$	┢	┢	$\vdash$	H
43 93   44 94   45 95   46 96   47 97   48 98   49 99   50 100	-			H	H	<del>                                     </del>	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	_						-	$\vdash$	-	$\vdash$		$\vdash$	H
44 94   45 95   46 96   47 97   48 98   49 99   50 100		43	П	T	Т	$\vdash$	$\vdash$	İ		$\vdash$	-			93	H		_	$\vdash$			H		t
45		44					1	Г	$\vdash$			1					_		$\vdash$	Г	IТ	Т	T
46		45												95									Γ
48		46										]		96									Γ
49 99 100 100 100 100 100 100 100 100 100						Ĺ			匚					97									ſ
50 100		48		<u> </u>	<u> </u>	$\perp$	_	_	L					98	Ш		L	_	<u> </u>	L	<u> </u>	L	L
	$\vdash$		_	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>						Ш			<u> </u>	$\vdash$	<u> </u>	<u> </u>	_	L
· · · · · · · · · · · · · · · · · · ·		50		L_	L	Ц.	<u> </u>			L	Ļ	ı		100		_	_			_	_	<u> </u>	L

Cla	Claim			Date									
1_	ਜ਼												
Final	Original												
i I	😤												
	l												
	51												
	52	_		_									
	53			L									
	54												
	55												
	56												
	57												
	58												
	59												
	60												
	61												
	62												
	63												
	64	Г											
	65												
	66												
	67												
	68												
	69												
	70									$\vdash$			
	71												
	72	Т					Г						
	73						$\vdash$			_			
	74			_			_	_	_	_			
	75	Н					_	_					
	76		_	_			_	_		$\vdash$			
	76 77							_					
	78			$\vdash$	$\vdash$	_	_	_	_	$\vdash$			
	79		-		$\vdash$	_							
	80	Н	-	_	-								
<b>—</b>	81	$\vdash$		-	$\vdash$								
-	82	$\vdash$		┢	$\vdash$		-		-	-			
	83	<del> </del>	$\vdash$	$\vdash$			-	-		$\vdash$			
	84	$\vdash$	$\vdash$	$\vdash$		H	$\vdash$		$\vdash$	$\vdash$			
	85	$\vdash$	Н	$\vdash$	$\vdash$		-	_	$\vdash$	$\vdash$			
	86	$\vdash$	$\vdash$	$\vdash$			-	$\vdash$	-				
	87	$\vdash$	<del>  -  </del>	$\vdash$	$\vdash$	H		-	$\vdash$	-			
	88	$\vdash$	$\vdash$	┢	-	-			H				
	89	$\vdash$	$\vdash$	$\vdash$	-	-	-	-	$\vdash$				
<del>                                     </del>	90	-	$\vdash$		-		-	$\vdash$	$\vdash$	$\vdash$			
	91	$\vdash$	$\vdash$	$\vdash$	-	Н		_	Н	-			
<b>—</b>	92	$\vdash$	$\vdash$	-	$\vdash$	-			$\vdash$				
	93	┢	$\vdash$	-	$\vdash$	Н			$\vdash$				
	94	$\vdash$	$\vdash$	-		$\vdash$	_	-	<del>                                     </del>	-			
H	95	┢	<del> </del>	$\vdash$	$\vdash$		-	-	$\vdash$				
	96	-	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	-	-	-			
	97	<del>                                     </del>	$\vdash$		$\vdash$	$\vdash$	H	-	$\vdash$				
	98	-	-			-		-		$\vdash$			
	99	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	-	$\vdash$	-			
-	100	-	-	├-	$\vdash$	H	-	-	$\vdash$	<del> </del>			

Cla	Date									
Final	Original									
	101									
	102									
	103			_			L			
	104 105					<u> </u>			_	
	105								<u> </u>	_
	106		_	_	_	<u> </u>	_	L.		
	107	_		-	_				┝	Н
	108 109		_	$\vdash$	$\vdash$	⊢	-	_	_	
	110	$\vdash$		$\vdash$	$\vdash$	$\vdash$	-	-	├-	-
	111	_	_	$\vdash$	$\vdash$			_	$\vdash$	Н
	111 112 113	Н				$\vdash$	<u> </u>	$\vdash$	-	
	113							Н		$\Box$
	114 115 116		Г			T	Γ		1	П
	115									
	116									
	117									
	118			$ldsymbol{ld}}}}}}$			L.			
	119 120 121		<u> </u>	<u> </u>			<u> </u>		_	Ш
	120		ļ					_	ļ	
	121		<u> </u>		<u> </u>	<u> </u>	<u> </u>	_		Щ
	122	_	_	$\vdash$	$\vdash$		┡	L		Н
	122 123 124 125 126 127 128 129		⊢	⊢			┝	H	_	Н
	125	_	⊢	┝			_	H		Н
	125		$\vdash$	┝	-		-		-	
	127		$\vdash$	$\vdash$	$\vdash$		┝			
	128		$\vdash$	$\vdash$		$\vdash$	$\vdash$	$\vdash$	-	
	129		_			<del>                                     </del>	$\vdash$			П
	130			Г						
	130 131 132									
	132			Г						
	133									
	133 134 135									Ш
	135		_	<u> </u>	_	<u> </u>	<u> </u>		<u> </u>	Ш
	136 137	L	<u> </u>	$\vdash$	_	<u> </u>	L.		<u> </u>	Ш
-	137	<u> </u>	<u> </u>	$\vdash$	<u> </u>	$\vdash$	<u> </u>	<u> </u>	<u> </u>	Ш
-	138 139	-		<u> </u>	<u> </u>	⊢	$\vdash$			Н
	140	$\vdash$	$\vdash$			┝	H	-		$\vdash$
	141	-	$\vdash$		-	$\vdash$	$\vdash$	-	⊢	$\vdash$
	142	-			-	⊢	-	-	$\vdash$	$\vdash$
-	143	$\vdash$	$\vdash$		$\vdash$	$\vdash$		<b>-</b>	┢	Н
	144	$\vdash$	$\vdash$		-	$\vdash$		$\vdash$	<del>                                     </del>	$\vdash$
	145	$\vdash$	$\vdash$		_	Н		Н	<del>                                     </del>	$\vdash$
	146	Т	Г		Г	Г	Г			Н
	147		Т			Г				П
	148									
	149									
	150		_						_	